

Atmosphere Group Meeting Summary

- All ATBDs submitted
- Validation viewgraphs completed
- *EOS Data Product Handbook* inputs done
- Quality Assurance plan still TBD
 - Workshop at GSFC Nov. 6, Alan {??} will represent group
- Prefer MODLAND's "data day"—standard GMT
 - Also prefer 8-day continuous temporal grid
 - SWAMP requirement is 1 month, 1 degree grid

Atmosphere Summary (cont.)

- New Version 6 MAS data processing software replaces Version 5

Algorithm Processing Changes

- Recommend final Level 1B archived product contain Level 1 radiances and geolocation fields
- Refine Level 1 spec
 - CERES wants subset of MODIS data at 1 km
- Recommend all integrated into single MOD08 file
- Atmos Group will redefine file specs for 3 files: MOD04, 05, & 06. Precip water should include IR prod.
- MOD06 should be single prod w/ cl top prop, phase, and optical props.

Need Integral on Point Spread Function

- Need to know radiance as function of distance from pixel
- Need for different spectral ranges

Recommend Working Group on Algorithm Change

- **ACTION:** SDST & discipline groups draft strawman for Configuration Management of software
- **ACTION:** Discipline groups decide what constitutes a test data set (post-launch) for algorithm testing & phasing to full strength product generation
- **ACTION:** A subgroup should be formed to guide TLCF & DAAC resource allocation

Processing at Level 3

Data Flow Structure Issues

- Would like to make some software modules available for processing direct broadcast data
 - Recommend Calibration coefficients & software available on World Wide Web for direct broadcast
 - Need software package for visualizing images at Level 1b with latitude & longitude markers

MODIS-DAO Interactions

- Very impressive list of products being produced
- DAO willing to work with discipline groups to give them what they need
- Atmosphere Group plans to work more closely with them

Thermal Vacuum Test Recommendations

1. Characterize LWIR (31